

**Transportation Revenue
Forecast Council
November 2018
Transportation Economic and
Revenue Forecasts
Volume III: Alternate Forecast Tables**

Transportation Revenue Forecast Council

Alternative Forecasts

November 2018

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REVENUE AND RIDERSHIP PROJECTIONS

NOVEMBER 2018 FORECAST

FISCAL YEARS 2019-2029

Prepared for
Washington State Ferries

for Presentation to the
**Transportation Revenue
Forecast Council**

November 19, 2018 Meeting

Prepared by
WSP USA

November 16, 2018

Washington State Ferries

November 2018 Revenue and Ridership Forecasts — Fiscal Years 2019-2029

NOVEMBER 2018 FORECAST NOTES

The fare revenue and ridership forecasts for Washington State Ferries (WSF) are completed in four stages. First, monthly ridership projections by seven fare categories are prepared for each route using time series analysis methods, with a forecast horizon from the present through fiscal year (FY) 2029.

The seven fare categories include: (1) passenger full fares, (2) passenger commuter discount fares, (3) passenger other discount fares, (4) auto/driver full fares, (5) auto commuter discount fares, (6) other discount vehicles, and (7) oversize vehicle fares.

Stage two of the process generates system-wide ridership projections. Econometric models combine ferry fare scenarios with demographic and economic projections to produce system-wide unconstrained ridership forecasts by seven fare categories through FY 2029. Within each fare category, the individual route forecasts are then calibrated to match the system-wide forecast totals from the econometric models.

The third stage of the process consists of adjusting the calibrated passenger and vehicle ridership by route to reflect seasonal vehicle capacity constraints, changes in service hours, and/or the net impacts from adding or eliminating service.

Last, the appropriate fares and average fare realizations are applied to the calibrated, capacity-constrained ridership forecasts for each route by fare category. This yields monthly and annual revenue forecasts by route for seven fare categories.

In August 2017, the Washington State Transportation Commission adopted two annual fare increases, the second of which recently took effect on October 1, 2018 (FY 2019). The November 2018 Forecast yields projections for two fare scenarios.

- **Baseline Forecast** – Includes nickel-rounded fare increases in FY 2018 of 2.1% for passengers, 2.9% for non-oversize vehicles, and an average of 1.6% on oversize vehicles, effective as of October 1, 2017. In addition, FY 2019 increases of 2.1%, 2.5% and 0.0%, respectively, followed on October 1, 2018. With no further fare increases, real fares will decline from FY 2020 forward.
- **Alternative 1 Forecast** – Builds on the Baseline Forecast by adding consecutive 2.5% increases each October, from 2019 through 2028 (FY 2020-29), resulting in slightly increasing real fares under current inflation projections.

The FY 2018 projections have been updated to include actual ridership and revenue through October 2018, including the effects of unanticipated service disruptions on the Port Townsend-Coupeville route in September and the Anacortes / San Juan Islands / Sidney, B.C service in October.

Ridership Impacts

- The November 2018 Forecast for ridership incorporates the latest updated demographic and economic variable projections provided by the State.
- The real personal income projections have been revised marginally upward, with a correspondingly small upward impact on ridership.
- The three different employment projections have all been revised downward, causing a dampening on ridership demand.
- Statewide projections for adult and senior populations are very slightly higher, causing minor upticks in a few non-commuter ridership categories. Service area working age population indices for commuter ridership will be updated in March.
- Real gasoline prices have been revised higher in FYs 2019 and 2020, lower for FYs 2021-2024, and then higher for the remainder of the forecast period. This results in minor ridership demand impacts in the near term but ultimately lower vehicle/driver ridership estimates in the back half of the forecast horizon.
- Slightly higher forecast horizon projections for inflation yield small decreases in real fares over time, which tends to attract slightly more ridership.
- Actual ridership for September and October came in 0.2% and 1.1% lower, respectively, than previously forecasted. However, actual performance reflects the aforementioned service disruptions.
- The November Forecast for FY 2019 ridership is now projected to be 0.4% lower than the previous forecast, which is a 1.3% rate of growth over FY 2018.
- Overall, the November Forecast for ferry ridership ranges up to 0.5% lower than the September Forecast.

Revenue Impacts

- Actual revenue for September 2018 came in 1.7% higher than previously forecasted; however, October revenue fell 2.6% short of previous projections, largely due to the aforementioned service disruptions.
- The 2017/19 biennium forecast of \$391.9 M is 0.7 M (0.2%) lower than the September Baseline and Alternative 1 Forecasts, with \$383.7 M in base fares for the operating account and \$8.2 M in surcharge revenue for the capital account.
- For the 2019/21 biennium, forecasted revenues of \$406.2 M under the Baseline Forecast are \$1.2 M (0.3%) lower than projected in September. For the Alternative 1 Forecast, revenues of \$415.8 M are \$1.1 M (0.3%) lower.
- Thereafter, the biennial revenue projections range from 0.2% to 0.7% lower than projected in September, depending on the biennium and forecast scenario.

Washington State Ferries

REVENUE PROJECTIONS ~ BASELINE FORECAST

Adopted Fares through October 1, 2018 | No Changes in Fares after FY 2019¹

November 2018 Forecast – Fiscal Years 2019-2029

Fiscal Year	November 2018 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	November vs. September Forecast			September 2018 Baseline	
				% Change by Fiscal Year	\$ Change and % Change by Biennium		Capacity-Constrained Revenue Forecast	Biennium Total
2010	\$147,009,545	1.7%						
2011	\$143,547,850	(2.4%)	\$290,557,395					
2012	\$155,085,373	8.0%						
2013	\$162,047,033	4.5%	\$317,132,406					
2014	\$167,441,867	3.3%						
2015	\$175,965,750	5.1%	\$343,407,617					
2016	\$181,444,863	3.1%						
2017	\$186,973,746	3.0%	\$368,418,609					
2018	\$192,827,951	3.1%						
2019 ²	\$199,102,000	3.3%	\$391,929,951	(0.3%)	(\$668,000)	(0.2%)	\$199,770,000	\$392,597,951
2020	\$201,898,000	1.4%		(0.4%)			\$202,689,000	
2021	\$204,328,000	1.2%	\$406,226,000	(0.2%)	(\$1,219,000)	(0.3%)	\$204,756,000	\$407,445,000
2022	\$206,509,000	1.1%		(0.3%)			\$207,163,000	
2023	\$208,617,000	1.0%	\$415,126,000	(0.4%)	(\$1,563,000)	(0.4%)	\$209,526,000	\$416,689,000
2024	\$210,690,000	1.0%		(0.5%)			\$211,844,000	
2025	\$212,984,000	1.1%	\$423,674,000	(0.6%)	(\$2,506,000)	(0.6%)	\$214,336,000	\$426,180,000
2026	\$215,270,000	1.1%		(0.7%)			\$216,709,000	
2027	\$217,055,000	0.8%	\$432,325,000	(0.6%)	(\$2,832,000)	(0.7%)	\$218,448,000	\$435,157,000
2028	\$218,630,000	0.7%		(0.6%)			\$219,928,000	
2029	\$220,100,000	0.7%	\$438,730,000	(0.6%)	(\$2,605,000)	(0.6%)	\$221,407,000	\$441,335,000

¹ The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

² FY 2018 includes actual revenue data through October 2018. Light green shaded values are entirely actual data.

Washington State Ferries

REVENUE PROJECTIONS ~ BASELINE FORECAST

Adopted Fares through October 1, 2018 | No Changes in Fares after FY 2019¹

November 2018 Forecast – Fiscal Years 2019-2029

Fiscal Year	November 2018 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	Distribution of Revenue to Operating and Capital Programs			
				25¢ Surcharge Revenue for Capital Program	Capital Biennium Total	Base Fare Revenue for Operating Program	Operating Biennium Total
2010	\$147,009,545	1.7%				\$147,009,545	
2011	\$143,547,850	(2.4%)	\$290,557,395			\$143,547,850	\$290,557,395
2012	\$155,085,373	8.0%		\$2,544,970		\$152,540,403	
2013	\$162,047,033	4.5%	\$317,132,406	\$3,626,191	\$6,171,161	\$158,420,842	\$310,961,245
2014	\$167,441,867	3.3%		\$3,662,690		\$163,779,177	
2015	\$175,965,750	5.1%	\$343,407,617	\$3,894,088	\$7,556,778	\$172,071,662	\$335,850,839
2016	\$181,444,863	3.1%		\$4,007,848		\$177,437,015	
2017	\$186,973,746	3.0%	\$368,418,609	\$4,022,681	\$8,030,529	\$182,951,065	\$360,388,080
2018	\$192,827,951	3.1%		\$4,084,581		\$188,743,370	
2019 ²	\$199,102,000	3.3%	\$391,929,951	\$4,140,000	\$8,224,581	\$194,962,000	\$383,705,370
2020	\$201,898,000	1.4%		\$4,187,000		\$197,711,000	
2021	\$204,328,000	1.2%	\$406,226,000	\$4,242,000	\$8,429,000	\$200,086,000	\$397,797,000
2022	\$206,509,000	1.1%		\$4,296,000		\$202,213,000	
2023	\$208,617,000	1.0%	\$415,126,000	\$4,348,000	\$8,644,000	\$204,269,000	\$406,482,000
2024	\$210,690,000	1.0%		\$4,401,000		\$206,289,000	
2025	\$212,984,000	1.1%	\$423,674,000	\$4,455,000	\$8,856,000	\$208,529,000	\$414,818,000
2026	\$215,270,000	1.1%		\$4,508,000		\$210,762,000	
2027	\$217,055,000	0.8%	\$432,325,000	\$4,554,000	\$9,062,000	\$212,501,000	\$423,263,000
2028	\$218,630,000	0.7%		\$4,598,000		\$214,032,000	
2029	\$220,100,000	0.7%	\$438,730,000	\$4,642,000	\$9,240,000	\$215,458,000	\$429,490,000

¹ The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

² FY 2018 includes actual revenue data through October 2018. Light green shaded values are entirely actual data.

Washington State Ferries

REVENUE PROJECTIONS ~ ALTERNATIVE 1 FORECAST

Adopted Fares through October 1, 2018 | 2.5% Annual Fare Increases FY 2020-29¹

November 2018 Forecast – Fiscal Years 2019-2029

Fiscal Year	November 2018 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	November vs. September Forecast			September 2018 Alternative 1	
				% Change by Fiscal Year	\$ Change and % Change by Biennium		Capacity-Constrained Revenue Forecast	Biennium Total
2010	\$147,009,545	1.7%						
2011	\$143,547,850	(2.4%)	\$290,557,395					
2012	\$155,085,373	8.0%						
2013	\$162,047,033	4.5%	\$317,132,406					
2014	\$167,441,867	3.3%						
2015	\$175,965,750	5.1%	\$343,407,617					
2016	\$181,444,863	3.1%						
2017	\$186,973,746	3.0%	\$368,418,609					
2018	\$192,827,951	3.1%						
2019 ²	\$199,102,000	3.3%	\$391,929,951	(0.3%)	(\$668,000)	(0.2%)	\$199,770,000	\$392,597,951
2020	\$204,748,000	2.8%		(0.4%)			\$205,504,000	
2021	\$211,009,000	3.1%	\$415,757,000	(0.1%)	(\$1,068,000)	(0.3%)	\$211,321,000	\$416,825,000
2022	\$217,012,000	2.8%		(0.2%)			\$217,421,000	
2023	\$223,367,000	2.9%	\$440,379,000	(0.3%)	(\$1,070,000)	(0.2%)	\$224,028,000	\$441,449,000
2024	\$229,815,000	2.9%		(0.4%)			\$230,794,000	
2025	\$236,926,000	3.1%	\$466,741,000	(0.5%)	(\$2,114,000)	(0.5%)	\$238,061,000	\$468,855,000
2026	\$244,306,000	3.1%		(0.5%)			\$245,437,000	
2027	\$251,673,000	3.0%	\$495,979,000	(0.5%)	(\$2,303,000)	(0.5%)	\$252,845,000	\$498,282,000
2028	\$258,904,000	2.9%		(0.5%)			\$260,258,000	
2029	\$266,128,000	2.8%	\$525,032,000	(0.5%)	(\$2,759,000)	(0.5%)	\$267,533,000	\$527,791,000

¹ The Alternative 1 Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), followed by 2.5% annual fare increases each October thereafter, and include the 25¢ surcharge per fare sold for funding capital expenditures. Projected annual inflation is less than the 2.5%, leading to slightly increasing real fares over the forecast horizon. The Alternative 1 Forecast also reflects the current programmed level of service subject to capacity constraints.

² FY 2018 includes actual revenue data through October 2018. Light green shaded values are entirely actual data.

Washington State Ferries

REVENUE PROJECTIONS ~ ALTERNATIVE 1 FORECAST

Adopted Fares through October 1, 2018 | 2.5% Annual Fare Increases FY 2020-29¹

November 2018 Forecast – Fiscal Years 2019-2029

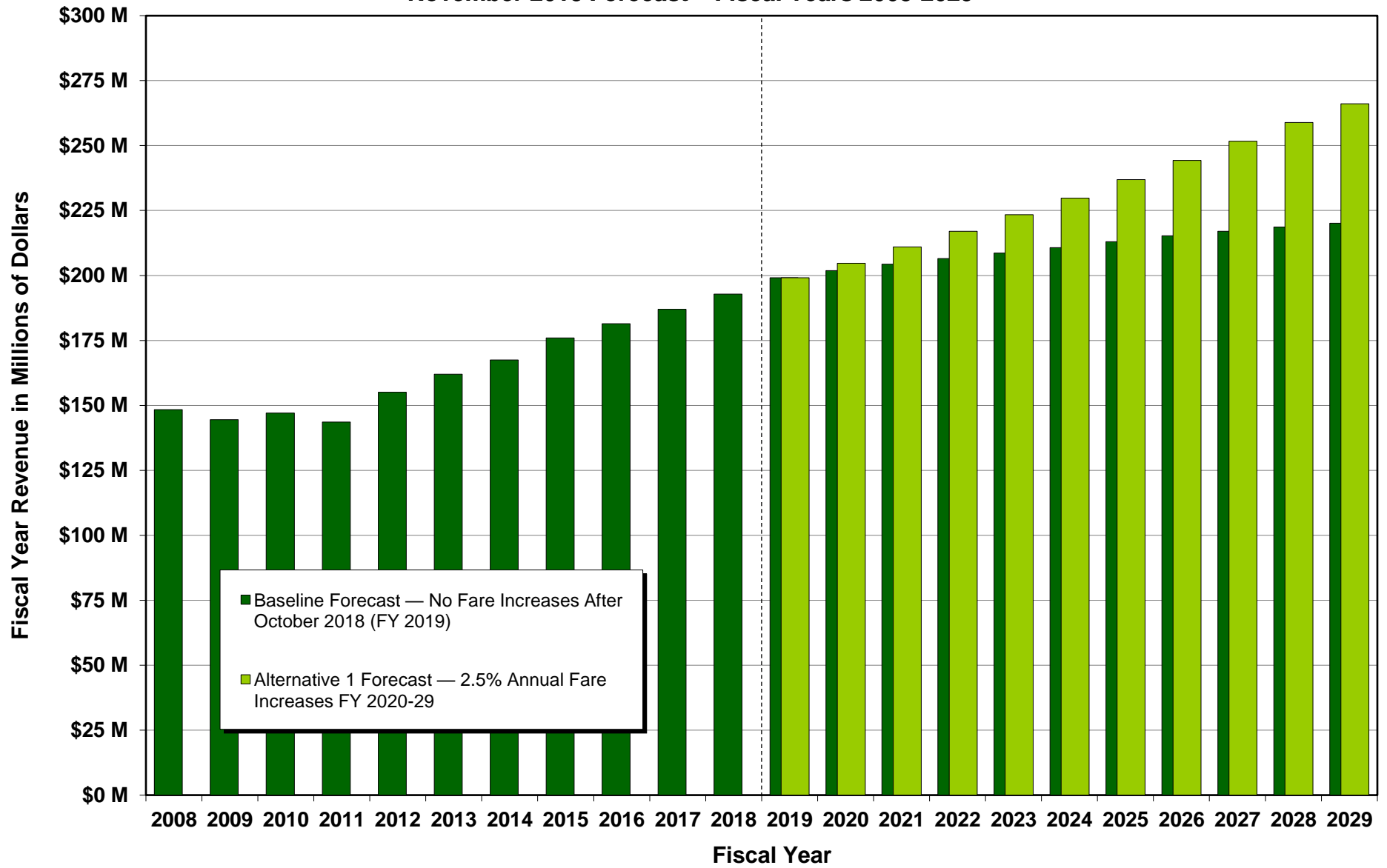
Fiscal Year	November 2018 Capacity-Constrained Revenue Forecast	Fiscal Year Annual Growth Rate	November Biennium Total	Distribution of Revenue to Operating and Capital Programs			
				25¢ Surcharge Revenue for Capital Program	Capital Biennium Total	Base Fare Revenue for Operating Program	Operating Biennium Total
2010	\$147,009,545	1.7%				\$147,009,545	
2011	\$143,547,850	(2.4%)	\$290,557,395			\$143,547,850	\$290,557,395
2012	\$155,085,373	8.0%		\$2,544,970		\$152,540,403	
2013	\$162,047,033	4.5%	\$317,132,406	\$3,626,191	\$6,171,161	\$158,420,842	\$310,961,245
2014	\$167,441,867	3.3%		\$3,662,690		\$163,779,177	
2015	\$175,965,750	5.1%	\$343,407,617	\$3,894,088	\$7,556,778	\$172,071,662	\$335,850,839
2016	\$181,444,863	3.1%		\$4,007,848		\$177,437,015	
2017	\$186,973,746	3.0%	\$368,418,609	\$4,022,681	\$8,030,529	\$182,951,065	\$360,388,080
2018	\$192,827,951	3.1%		\$4,084,581		\$188,743,370	
2019 ²	\$199,102,000	3.3%	\$391,929,951	\$4,140,000	\$8,224,581	\$194,962,000	\$383,705,370
2020	\$204,748,000	2.8%		\$4,173,000		\$200,575,000	
2021	\$211,009,000	3.1%	\$415,757,000	\$4,200,000	\$8,373,000	\$206,809,000	\$407,384,000
2022	\$217,012,000	2.8%		\$4,223,000		\$212,789,000	
2023	\$223,367,000	2.9%	\$440,379,000	\$4,251,000	\$8,474,000	\$219,116,000	\$431,905,000
2024	\$229,815,000	2.9%		\$4,277,000		\$225,538,000	
2025	\$236,926,000	3.1%	\$466,741,000	\$4,305,000	\$8,582,000	\$232,621,000	\$458,159,000
2026	\$244,306,000	3.1%		\$4,333,000		\$239,973,000	
2027	\$251,673,000	3.0%	\$495,979,000	\$4,360,000	\$8,693,000	\$247,313,000	\$487,286,000
2028	\$258,904,000	2.9%		\$4,385,000		\$254,519,000	
2029	\$266,128,000	2.8%	\$525,032,000	\$4,410,000	\$8,795,000	\$261,718,000	\$516,237,000

¹ The Alternative 1 Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), followed by 2.5% annual fare increases each October thereafter, and include the 25¢ surcharge per fare sold for funding capital expenditures. Projected annual inflation is less than the 2.5%, leading to slightly increasing real fares over the forecast horizon. The Alternative 1 Forecast also reflects the current programmed level of service subject to capacity constraints.

² FY 2018 includes actual revenue data through October 2018. Light green shaded values are entirely actual data.

Washington State Ferries — Revenue History and Forecast Trends

November 2018 Forecast – Fiscal Years 2008-2029



Washington State Ferries

RIDERSHIP PROJECTIONS ~ BASELINE FORECAST

Adopted Fares through October 1, 2018 | No Changes in Fares after FY 2019¹

November 2018 Forecast – Fiscal Years 2019-2029

Fiscal Year	November 2018 Unconstrained Demand Forecast*	November 2018 Capacity Constrained Projections				September 2018 Projections	
		Passenger Ridership	Vehicle/Driver Ridership	Total Ridership	Annual Rate of Growth	Total Ridership	Nov. % Chg from Sep.
2010		12,463,027	10,169,074	22,632,101	(0.3%)		
2011		12,242,320	9,968,973	22,211,293	(1.9%)		
2012		12,236,081	9,983,059	22,219,140	0.0%		
2013		12,350,126	10,045,043	22,395,169	0.8%		
2014		12,696,936	10,154,905	22,851,841	2.0%		
2015		13,270,874	10,387,368	23,658,242	3.5%		
2016		13,523,385	10,559,240	24,082,625	1.8%		
2017		13,669,834	10,544,735	24,214,569	0.5%		
2018		13,856,444	10,707,373	24,563,817	1.4%		
2019 ²	24,885,000	14,016,000	10,867,000	24,883,000	1.3%	24,990,000	(0.4%)
2020	25,162,000	14,211,000	10,951,000	25,162,000	1.1%	25,250,000	(0.3%)
2021	25,496,000	14,401,000	11,094,000	25,495,000	1.3%	25,567,000	(0.3%)
2022	25,862,000	14,626,000	11,212,000	25,838,000	1.3%	25,918,000	(0.3%)
2023	26,241,000	14,863,000	11,318,000	26,181,000	1.3%	26,280,000	(0.4%)
2024	26,623,000	15,103,000	11,423,000	26,526,000	1.3%	26,643,000	(0.4%)
2025	27,024,000	15,341,000	11,536,000	26,877,000	1.3%	27,008,000	(0.5%)
2026	27,439,000	15,588,000	11,645,000	27,233,000	1.3%	27,373,000	(0.5%)
2027	27,856,000	15,847,000	11,718,000	27,565,000	1.2%	27,702,000	(0.5%)
2028	28,278,000	16,109,000	11,779,000	27,888,000	1.2%	28,023,000	(0.5%)
2029	28,723,000	16,385,000	11,829,000	28,214,000	1.2%	28,351,000	(0.5%)

¹ The Baseline Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, followed by 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), plus the 25¢ surcharge per fare sold for funding capital expenditures. The Baseline Forecast excludes any further changes to the nominal fares after October 2018, resulting in declining real fares thereafter. The Baseline Forecast also reflects the current programmed level of service subject to capacity constraints.

² FY 2018 includes actual ridership data through October 2018. Light green shaded values are entirely actual data.

* Excludes adjustments for vessel capacity constraints, 25¢ per fare capital surcharge impacts, and fiscal year-to-date actual data.

Washington State Ferries

RIDERSHIP PROJECTIONS ~ ALTERNATIVE 1 FORECAST

Adopted Fares through October 1, 2018 | 2.5% Annual Fare Increases FY 2020-29¹

November 2018 Forecast – Fiscal Years 2019-2029

Fiscal Year	November 2018 Unconstrained Demand Forecast*	November 2018 Capacity Constrained Projections				September 2018 Projections	
		Passenger Ridership	Vehicle/Driver Ridership	Total Ridership	Annual Rate of Growth	Total Ridership	Nov. % Chg from Sep.
2010		12,463,027	10,169,074	22,632,101	(0.3%)		
2011		12,242,320	9,968,973	22,211,293	(1.9%)		
2012		12,236,081	9,983,059	22,219,140	0.0%		
2013		12,350,126	10,045,043	22,395,169	0.8%		
2014		12,696,936	10,154,905	22,851,841	2.0%		
2015		13,270,874	10,387,368	23,658,242	3.5%		
2016		13,523,385	10,559,240	24,082,625	1.8%		
2017		13,669,834	10,544,735	24,214,569	0.5%		
2018		13,856,444	10,707,373	24,563,817	1.4%		
2019 ²	24,885,000	14,016,000	10,867,000	24,883,000	1.3%	24,990,000	(0.4%)
2020	25,073,000	14,155,000	10,918,000	25,073,000	0.8%	25,159,000	(0.3%)
2021	25,228,000	14,246,000	10,982,000	25,228,000	0.6%	25,290,000	(0.2%)
2022	25,390,000	14,370,000	11,013,000	25,383,000	0.6%	25,444,000	(0.2%)
2023	25,587,000	14,503,000	11,058,000	25,561,000	0.7%	25,640,000	(0.3%)
2024	25,772,000	14,626,000	11,098,000	25,724,000	0.6%	25,825,000	(0.4%)
2025	25,967,000	14,739,000	11,157,000	25,896,000	0.7%	26,006,000	(0.4%)
2026	26,172,000	14,862,000	11,215,000	26,077,000	0.7%	26,186,000	(0.4%)
2027	26,376,000	14,991,000	11,262,000	26,253,000	0.7%	26,367,000	(0.4%)
2028	26,583,000	15,126,000	11,298,000	26,424,000	0.7%	26,551,000	(0.5%)
2029	26,819,000	15,278,000	11,327,000	26,605,000	0.7%	26,736,000	(0.5%)

¹ The Alternative 1 Forecast includes 2.1% passenger and 2.9% vehicle fare increases on October 1, 2017, 2.1% and 2.5% increases, respectively, on October 1, 2018 (FY 2019), followed by 2.5% annual fare increases each October thereafter, and include the 25¢ surcharge per fare sold for funding capital expenditures. Projected annual inflation is less than the 2.5%, leading to slightly increasing real fares over the forecast horizon. The Alternative 1 Forecast also reflects the current programmed level of service subject to capacity constraints.

² FY 2018 includes actual ridership data through October 2018. Light green shaded values are entirely actual data.

* Excludes adjustments for vessel capacity constraints, 25¢ per fare capital surcharge impacts, and fiscal year-to-date actual data.

**Alternative Toll Forecast
Extension of SR 167 Hot Lanes
Pilot Project
November 2018**

Transportation Revenue Forecast Council
November 2018 Toll Alternative Forecast: Extension of SR 167 Pilot Program

SR 167 High Occupancy Toll (HOT) Lanes Toll Transactions and Toll Revenue

- Stantec completed a long-term toll traffic and revenue forecast for extending the HOT lanes pilot program out through the remainder of the forecast horizon FY 2029. This forecast was originally completed as part of a June 2017 full Eastside Corridor (405 ETL and SR 167 HOT Lanes) forecast. This forecast was updated for November 2018 to include actual data through FY 2018.
- The baseline forecast for SR 167 HOT Lanes pilot program covers period through FY 2019 and the alternative forecast is for FY 2020 through FY 2029. Assumptions for the alternative forecast include:
 - ✓ completion construction SR 167 Interchange Direct Access Connector, opening at middle of 2019;
 - ✓ no improvements on I-405 between Renton and Bellevue;
 - ✓ \$9 toll cap; no photo toll capacity; and the current HOV 2+ exemption policy applies.
- Regional and corridor-level models were built and calibrated to 2016 travel patterns and toll rates on the SR 167.
- An updated independent land use forecast was completed in 2018 to guide future traffic projections.
- This forecast used monthly preliminary traffic and revenue data through June 2018.

HOT Lanes Toll Traffic Volume Forecast

- The southbound HOT lane extension from 277th to 8th opened in December 2016. Toll transactions and revenue increased from this HOT lane extension.
- Increasing congestion in the corridor, coupled with land use growth, will drive transaction growth; however, ongoing construction in the vicinity of the I-405/SR 167 interchange has dampened recent transaction growth. We are forecasting only minor growth in transactions between FY 2018 and FY 2019.
- From FY 2020 to FY 2029, toll transactions are assumed to grow between 3.0% and 3.5% per year.
- This forecast assumes no improvements associated to the I-405 ETL's between Renton and Bellevue.

HOT Lanes Revenue Forecast

- It was assumed the existing \$9 toll cap would remain in place through FY 2029.
- The average toll rate is forecasted to increase by approximately 4% per year from FY 2020 through FY 2029 due to congestion. Growth in the average toll rate, however, is dampened by the existing \$9 toll cap.
- From FY 2020 to FY 2029, the annual toll revenue is assumed to grow between 7% to 8% per year. This growth is due to both growth in transactions and increasing average toll rates due to congestion.
- The transponder sales revenue assumes the equal value as of the transponder costs.
- The fee revenue estimate is based on historical data.
- Miscellaneous revenue includes interest earnings; the interest rate is assumed to be 0.9%.

Transportation Revenue Forecast Council
SR 167 HOT Lanes Alternative Forecast - Toll Transaction and Revenue by Fiscal Year
November 2018

Transactions	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
November 2018 Forecast	1,680,000	1,738,800	1,799,700	1,862,700	1,927,900	1,995,400	2,055,300	2,117,000	2,180,500	2,245,900
Annual Percent Change	4.5%	3.5%	3.5%	3.5%	3.5%	3.5%	3.0%	3.0%	3.0%	3.0%
November 2017 Forecast	1,948,000	2,096,000	2,257,000	2,428,000	2,611,000	2,810,000	3,001,000	3,208,000	3,427,000	3,662,000
Percent Change, 2018 vs 2017	-13.8%	-17.0%	-20.3%	-23.3%	-26.2%	-29.0%	-31.5%	-34.0%	-36.4%	-38.7%

Gross Revenue	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029
November 2018 Forecast										
Toll Revenue	3,618,100	3,894,500	4,192,200	4,512,500	4,857,300	5,228,400	5,600,800	5,999,700	6,426,800	6,884,400
Transponder Sales	72,000	78,000	82,000	86,000	90,000	95,000	101,000	107,000	113,000	122,000
NSF / Statement Fees	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Misc Revenue (interests)	71,000	84,000	98,000	115,000	134,000	156,000	181,000	210,000	242,000	277,000
Total SR 167 Revenue	\$ 3,694,100	\$ 3,976,500	\$ 4,278,200	\$ 4,602,500	\$ 4,951,300	\$ 5,327,400	\$ 5,705,800	\$ 6,110,700	\$ 6,543,800	\$ 7,010,400
Annual Percent Change	11.0%	7.6%	7.6%	7.6%	7.6%	7.6%	7.1%	7.1%	7.1%	7.1%
November 2017 Forecast										
Toll Revenue	4,052,300	4,413,500	4,810,600	5,238,300	5,701,900	6,211,500	6,707,200	7,249,300	7,830,000	8,459,600
Transponder Sales	90,000	94,000	101,000	111,000	119,000	129,000	140,000	150,000	154,000	158,000
NSF / Statement Fees	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000	4,000
Misc Revenue (interests)	49,000	63,000	79,000	97,000	116,000	138,000	163,000	189,000	219,000	251,000
Total SR 167 Revenue	\$ 4,146,300	\$ 4,511,500	\$ 4,915,600	\$ 5,353,300	\$ 5,824,900	\$ 6,344,500	\$ 6,851,200	\$ 7,403,300	\$ 7,988,000	\$ 8,621,600
Annual Percent Change	11.4%	8.8%	9.0%	8.9%	8.8%	8.9%	8.0%	8.1%	7.9%	7.9%
Percent Change, 2018 vs 2017										
Toll Revenue	-10.7%	-11.8%	-12.9%	-13.9%	-14.8%	-15.8%	-16.5%	-17.2%	-17.9%	-18.6%
Transponder Sales	-20.0%	-17.0%	-18.8%	-22.5%	-24.4%	-26.4%	-27.9%	-28.7%	-26.6%	-22.8%
NSF / Statement Fees	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Misc Revenue (interests)	44.9%	33.3%	24.1%	18.6%	15.5%	13.0%	11.0%	11.1%	10.5%	10.4%
Total SR 167 Revenue	-10.9%	-11.9%	-13.0%	-14.0%	-15.0%	-16.0%	-16.7%	-17.5%	-18.1%	-18.7%

**Transit Sales Tax
Forecast November 2018**

Transportation Revenue Forecast Council

**Table ST.1 Combined Sound Transit Revenue (ST 2 & ST 3) Forecast - CY Biennium Comparison of November 2018 and 2017 Forecasts
November 2018**

	2015-2017 Biennium November 2018	2015-2017 Biennium November 2017	Difference Value	Difference Percent	2017-2019 Biennium November 2018	2017-2019 Biennium November 2017	Difference Value	Difference Percent
Sales & Use Tax Revenue	1,772,532,164	1,723,215,896	49,316,268	2.9%	2,650,261,412	2,499,632,524	150,628,888	6.0%
MVET Tax Revenue	344,464,541	292,064,545	52,399,996	17.9%	661,095,259	634,358,015	26,737,244	4.2%
Rental Car Tax Revenue	7,049,289	7,094,477	(45,188)	-0.6%	7,441,930	78,514,415	(71,072,485)	-90.5%
Property Tax Revenue	139,442,248	141,376,250	(1,934,002)	-1.4%	291,643,746	294,649,944	(3,006,198)	-1.0%
Total Tax Revenue	2,124,045,994	2,163,751,169	(39,705,175)	-1.8%	3,318,798,601	3,436,154,898	(117,356,297)	-3.4%
	2019-2021 Biennium November 2018	2019-2021 Biennium November 2017	Difference Value	Difference Percent	2021-2023 Biennium November 2018	2021-2023 Biennium November 2017	Difference Value	Difference Percent
Sales & Use Tax Revenue	2,832,819,091	2,657,860,117	174,958,974	6.6%	3,022,212,757	2,861,224,218	160,988,539	5.6%
MVET Tax Revenue	694,230,306	673,853,435	20,376,872	3.0%	732,305,414	714,088,788	18,216,626	2.6%
Rental Car Tax Revenue	7,513,873	7,972,043	(458,170)	-5.7%	7,513,873	8,457,540	(943,667)	-11.2%
Property Tax Revenue	309,017,417	306,743,637	2,273,780	0.7%	326,201,641	318,296,568	7,905,073	2.5%
Total Tax Revenue	3,534,563,270	3,646,429,231	(111,865,961)	-3.1%	3,762,032,044	3,902,067,114	(140,035,069)	-3.6%
	2023-2025 Biennium November 2018	2023-2025 Biennium November 2017	Difference Value	Difference Percent	2025-2027 Biennium November 2018	2025-2027 Biennium November 2017	Difference Value	Difference Percent
Sales & Use Tax Revenue	3,253,760,024	3,090,285,129	163,474,894	5.3%	3,514,014,784	3,339,642,706	174,372,078	5.2%
MVET Tax Revenue	778,323,512	757,124,650	21,198,862	2.8%	830,343,824	803,546,237	26,797,587	3.3%
Rental Car Tax Revenue	7,513,873	8,972,604	(1,458,731)	-16.3%	7,513,873	9,519,036	(2,005,163)	-21.1%
Property Tax Revenue	342,674,340	330,576,110	12,098,230	3.7%	359,510,078	343,642,238	15,867,840	4.6%
Total Tax Revenue	4,039,597,409	4,186,958,493	(147,361,084)	-3.5%	4,351,872,481	4,496,350,216	(144,477,735)	-3.2%
	2027-2029 Biennium November 2018	2027-2029 Biennium November 2017	Difference Value	Difference Percent				
Sales & Use Tax Revenue	3,799,034,343	3,612,622,284	186,412,059	5.2%				
MVET Tax Revenue	685,842,442	641,987,129	43,855,312	6.8%				
Rental Car Tax Revenue	7,513,873	10,098,745	(2,584,872)	-25.6%				
Property Tax Revenue	377,190,321	357,560,296	19,630,025	5.5%				
Total Tax Revenue	4,492,390,658	4,264,708,159	227,682,499	5.3%				

**TRANSPORTAION REVENUE FORECAST
COUNCIL NOVEMBER 2018
TABLE T.1 : TRANSIT SYSTEMS**

<u>County</u>	<u>Transit Svstem</u>	Actuals 2013	Actuals 2014	Actuals 2015	Actuals 2016	Actuals 2017	2018	2019	2020	2021	2022	2023
Asotin	Asotin County Transit	605,118	623,457	640,295	679,756	707,524	742,900	786,731	820,561	852,563	873,024	893,104
Benton/Franklin	Ben Franklin Transit	26,610,668	27,398,217	30,528,631	32,295,441	34,238,691	35,950,626	38,071,712	39,708,796	41,257,439	42,247,618	43,219,313
Chelan/Douglas	Link Transit	8,803,274	9,601,341	10,482,790	11,989,174	11,695,523	12,280,299	13,004,837	13,564,045	14,093,043	14,431,276	14,763,195
Clallam	Clallam Transit System	5,910,695	6,155,998	6,710,819	7,193,321	7,526,301	7,902,616	8,368,870	8,728,732	9,069,152	9,286,812	9,500,409
Clallam	Sequim	532,577	554,863	596,621	635,642	695,083	729,837	772,898	806,132	837,571	857,673	877,399
Clark	C-TRAN	32,286,940	38,577,607	43,342,293	46,978,663	50,485,221	53,009,482	56,137,041	58,550,934	60,834,421	62,294,447	63,727,219
Columbia	Columbia County Public Transportation	334,747	1,959,226	352,523	297,081	293,516	308,192	326,375	340,409	353,685	362,174	370,504
Cowlitz	Community Urban Bus System	2,983,382	3,203,320	3,338,804	3,672,373	3,737,541	3,924,418	4,155,959	4,334,665	4,503,717	4,611,806	4,717,878
Garfield	Garfield Transit					49,405	51,875	54,936	57,298	59,533	60,962	62,364
Grant	Grant Transit Authority	3,960,221	3,855,732	4,005,841	3,899,318	4,060,932	4,263,979	4,515,553	4,709,722	4,893,401	5,010,843	5,126,092
Grays Harbor	Grays Harbor Transportation Authority	5,175,323	6,177,789	6,821,193	7,028,724	7,591,882	7,971,476	8,441,793	8,804,790	9,148,177	9,367,733	9,583,191
Island	Island Transit	7,003,607	7,450,430	8,135,371	9,390,651	10,476,276	11,000,090	11,649,095	12,150,006	12,623,856	12,926,829	13,224,146
Jefferson	Jefferson Transit Authority	3,639,308	3,620,677	3,949,275	4,508,413	4,646,263	4,878,576	5,166,412	5,388,568	5,598,722	5,733,091	5,864,952
King	Metro Transit	431,805,474	467,109,000	511,399,290	559,803,982	578,872,941	607,816,588	643,677,767	671,355,911	697,538,791	714,279,722	730,708,156
Kitsap	Kitsap Transit	27,276,244	29,130,778	31,373,676	34,231,454	36,223,134	38,034,291	40,278,314	42,010,281	43,648,682	44,696,251	45,724,264
Lewis	Twin Transit	1,388,994	1,508,478	1,536,795	1,644,880	1,768,083	1,856,487	1,966,020	2,050,559	2,130,531	2,181,663	2,231,842
Mason	Mason Transportation Authority	3,184,327	3,456,982	3,785,158	4,002,805	4,213,310	4,423,976	4,684,990	4,886,445	5,077,016	5,198,864	5,318,438
Okanogan	Okanogan County PTBA		1,550,351	2,424,331	2,453,623	2,544,438	2,671,660	2,829,288	2,950,947	3,066,034	3,139,619	3,211,830
Pacific	Pacific Transit System	753,351	791,169	803,935	807,898	886,133	930,440	985,336	1,027,705	1,067,786	1,093,412	1,118,561
Pierce	Pierce Transit	62,075,731	65,376,033	70,148,721	74,873,690	80,111,122	84,116,678	89,079,562	92,909,983	96,533,473	98,850,276	101,123,832
Skagit	Skagit Transit	9,419,323	9,495,112	10,156,731	10,879,960	11,685,021	12,269,272	12,993,159	13,551,865	14,080,388	14,418,317	14,749,938
Snohomish	Everett Transit System	16,272,481	17,101,592	18,291,041	18,971,096	19,164,097	20,122,302	21,309,518	22,225,827	23,092,634	23,646,857	24,190,735
Snohomish	Community Transit	73,729,713	78,951,863	83,358,802	108,962,998	129,246,225	135,708,536	143,715,340	149,895,100	155,741,008	159,478,793	163,146,805
Spokane	Spokane Transit Authority	44,832,062	47,855,528	50,080,209	53,397,334	63,320,276	67,614,674	71,603,940	74,682,909	77,595,543	79,457,836	81,285,366
Thurston	Intercity Transit	29,250,739	30,455,372	33,189,152	36,295,754	38,369,309	40,287,774	42,664,753	44,499,338	46,234,812	47,344,447	48,433,369
Walla Walla	Valley Transit	4,139,343	4,438,610	4,741,072	4,948,540	5,052,270	5,304,884	5,617,872	5,859,440	6,087,958	6,234,069	6,377,453
Whatcom	Whatcom Transportation Authority	21,070,077	21,671,652	22,602,556	23,509,828	25,644,098	26,926,303	28,514,955	29,741,098	30,901,001	31,642,625	32,370,405
Whitman	Pullman Transit	1,180,846	1,933,084	1,235,108	1,161,527	1,165,500	1,223,775	1,295,978	1,351,705	1,404,421	1,438,127	1,471,204
Yakima	Selah	325,537	445,071	389,597	396,737	432,658	454,291	481,094	501,781	521,351	533,863	546,142
Yakima	Union Gap	914,743	930,000	1,016,908	1,114,665	1,152,281	1,209,895	1,281,279	1,336,374	1,388,492	1,421,816	1,454,518
Yakima	Yakima Transit	5,081,200	5,407,861	5,564,645	5,741,976	5,855,717	6,148,503	6,511,265	6,791,249	7,056,108	7,225,454	7,391,640
Total		830,546,045	896,787,194	971,002,184	1,071,767,303	1,141,910,771	1,200,134,694	1,270,942,641	1,325,593,174	1,377,291,308	1,410,346,300	1,442,784,265

**TRANSPORTATION REVENUE FORECAST
COUNCIL NOVEMBER 2018
TABLE T.1 : TRANSIT SYSTEMS**

County	Transit System	2024	2025	2026	2027	2028	2029
Asotin	Asotin County Transit	912,752	931,920	951,490	971,471	991,872	1,012,702
Benton/Franklin	Ben Franklin Transit	44,170,138	45,097,711	46,044,763	47,011,703	47,998,948	49,006,926
Chelan/Douglas	Link Transit	15,087,985	15,404,833	15,728,334	16,058,629	16,395,861	16,740,174
Clallam	Clallam Transit System	9,709,418	9,913,315	10,121,495	10,334,046	10,551,061	10,772,634
Clallam	Sequim	896,702	915,533	934,759	954,389	974,431	994,894
Clark	C-TRAN	65,129,218	66,496,931	67,893,367	69,319,128	70,774,829	72,261,101
Columbia	Columbia County Public Transportation	378,655	386,606	394,725	403,014	411,478	420,119
Cowlitz	Community Urban Bus System	4,821,671	4,922,926	5,026,307	5,131,860	5,239,629	5,349,661
Garfield	Garfield Transit	63,736	65,074	66,441	67,836	69,260	70,715
Grant	Grant Transit Authority	5,238,866	5,348,883	5,461,209	5,575,894	5,692,988	5,812,541
Grays Harbor	Grays Harbor Transportation Authority	9,794,021	9,999,696	10,209,690	10,424,093	10,642,999	10,866,502
Island	Island Transit	13,515,077	13,798,894	14,088,671	14,384,533	14,686,608	14,995,027
Jefferson	Jefferson Transit Authority	5,993,981	6,119,855	6,248,372	6,379,588	6,513,559	6,650,344
King	Metro Transit	746,783,735	762,466,194	778,477,984	794,826,021	811,517,368	828,559,233
Kitsap	Kitsap Transit	46,730,198	47,711,532	48,713,475	49,736,458	50,780,923	51,847,323
Lewis	Twin Transit	2,280,942	2,328,842	2,377,748	2,427,680	2,478,661	2,530,713
Mason	Mason Transportation Authority	5,435,444	5,549,588	5,666,130	5,785,118	5,906,606	6,030,644
Okanogan	Okanogan County PTBA	3,282,490	3,351,423	3,421,803	3,493,661	3,567,027	3,641,935
Pacific	Pacific Transit System	1,143,169	1,167,176	1,191,686	1,216,712	1,242,263	1,268,350
Pierce	Pierce Transit	103,348,557	105,518,876	107,734,773	109,997,203	112,307,144	114,665,594
Skagit	Skagit Transit	15,074,437	15,391,000	15,714,211	16,044,210	16,381,138	16,725,142
Snohomish	Everett Transit System	24,722,931	25,242,113	25,772,197	26,313,413	26,865,995	27,430,181
Snohomish	Community Transit	166,736,035	170,237,491	173,812,479	177,462,541	181,189,254	184,994,228
Spokane	Spokane Transit Authority	83,073,644	84,818,191	86,599,373	88,417,959	90,274,737	92,170,506
Thurston	Intercity Transit	49,498,904	50,538,381	51,599,687	52,683,280	53,789,629	54,919,211
Walla Walla	Valley Transit	6,517,757	6,654,630	6,794,377	6,937,059	7,082,737	7,231,475
Whatcom	Whatcom Transportation Authority	33,082,554	33,777,288	34,486,611	35,210,829	35,950,257	36,705,212
Whitman	Pullman Transit	1,503,571	1,535,146	1,567,384	1,600,299	1,633,905	1,668,217
Yakima	Selah	558,157	569,878	581,846	594,064	606,540	619,277
Yakima	Union Gap	1,486,517	1,517,734	1,549,607	1,582,148	1,615,374	1,649,296
Yakima	Yakima Transit	7,554,256	7,712,895	7,874,866	8,040,238	8,209,083	8,381,474
Total		1,474,525,518	1,505,490,554	1,537,105,856	1,569,385,079	1,602,342,165	1,635,991,351

**TRANSPORTATION REVENUE FORECAST COUNCIL NOVEMBER
2018**

**TABLE T.2: TRANSIT BENEFIT DISTRICT LOCALLY GENERATED
SALES AND USE TAX DISTRIBUTIONS**

		Actuals	Actuals	Actuals	Actuals	Actuals		
<u>Transportation Benefit District</u>	<u>County</u>	<u>2013</u>	<u>2014</u>	<u>2015</u>	<u>2016</u>	<u>2017</u>	<u>2018</u>	<u>2019</u>
Aberdeen TBD	Grays Harbor	180,975	533,746	543,813	530,040	562,527	590,653	625,501
Airway Heights TBD	Spokane	0	218,110	367,993	393,090	460,735	483,771	512,314
Arlington TBD	Snohomish	0	599,293	872,395	953,596	1,033,533	1,085,210	1,149,237
Bellingham TBD	Whatcom	4,655,993	4,700,864	4,903,512	5,169,348	5,473,547	5,747,225	6,086,311
Blaine TBD	Whatcom						323,489	342,575
Castle Rock TBD	Cowlitz	52,623	87,724	84,944	87,652	92,112	96,718	102,424
Centralia TBD	Lewis	0	0	0	410,960	688,293	722,707	765,347
Chehalis TBD	Lewis						772,243	817,806
Clarkston TBD	Asotin	0	0	0	301,225	523,649	549,832	582,272
Connell TBD								
Dayton TBD	Columbia	0	0	22,167	66,992	73,873	77,567	82,144
Ellensburg TBD	Kittitas	0	0	0	81,260	1,147,279	1,204,643	1,275,717
Enumclaw TBD	King	0	0	0	170,479	333,143	349,801	370,439
Ferndale TBD	Whatcom	355,553	392,106	409,812	419,457	468,385	491,804	520,821
Friday Harbor TBD	San Juan	0	0	166,162	269,935	288,085	302,490	320,337
Grand Coulee TBD								
Lacey TBD	Thurston						2,792,223	2,956,965
Leavenworth TBD	Chelan	243,526	262,492	280,152	313,250	384,530	403,757	427,578
Long Beach TBD								
Lynden TBD	Whatcom	262,754	452,237	546,314	502,411	631,858	663,451	702,595
Lynnwood TBD	Snohomish	0	0	0	0	1,493,201	9,359,829	9,912,058
Marysville TBD	Snohomish	0	146,380	1,984,965	2,108,967	2,250,113	2,362,619	2,502,014
Mattawa TBD	Grant	0	0	0	4,504	60,808	63,848	67,615
Monroe TBD	Snohomish	0	0	786,778	1,058,999	1,220,039	1,281,041	1,356,622
Moses Lake TBD								
Mount Vernon TBD	Skagit	0	0	0	0	1,000,128	1,619,336	1,714,877
Mukilteo TBD								
North Bend TBD	King	446,069	452,606	476,286	489,126	521,530	547,607	579,915
Othello TBD	Adams	0	0	0	24,866	356,976	374,824	396,939
Port Angeles TBD	Callam						819,948	868,325
Seattle TBD	King	0	0	13,420,396	24,429,098	25,879,458	27,173,431	28,776,663
Sequim TBD	Callam						606,301	642,073
Shelton TBD	Mason	0	0	0	274,878	494,805	519,545	550,199
Snohomish City TBD	Snohomish	754,904	770,851	845,280	917,898	982,208	1,031,319	1,092,167
Stanwood TBD	Snohomish	84,052	259,856	287,375	347,631	333,641	350,323	370,992
Tacoma TBD	Pierce	0	0	0	2,973,062	5,608,297	5,888,712	6,236,146
Tumwater TBD	Thurston	0	0	83,843	1,310,539	1,513,578	1,589,257	1,683,023
Twisp TBD	Okanogan	0	0	0	0	45,987	48,286	51,135
Waitsburg TBD	Walla Walla	7,090	7,554	7,926	7,343	8,082	8,486	8,987
Walla Walla City TBD	Walla Walla	1,022,533	1,048,584	1,135,799	1,249,533	1,236,517	1,298,343	1,374,945
Total		8,066,073	9,932,403	27,225,910	44,866,139	55,166,919	71,600,640	75,825,078

**TRANSPORTATION REVENUE FORECAST COUNCIL NOVEMBER
2018**

**TABLE T.2: TRANSIT BENEFIT DISTRICT LOCALLY GENERATED
SALES AND USE TAX DISTRIBUTIONS**

<u>Transportation Benefit District</u>	<u>County</u>	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>2025</u>	<u>2026</u>	<u>2027</u>	<u>2028</u>	<u>2029</u>
Aberdeen TBD	Grays Harbor	652,398	677,841	694,110	710,074	725,696	740,935	756,495	772,381	788,601	805,162
Airway Heights TBD	Spokane	534,343	555,183	568,507	581,583	594,378	606,860	619,604	632,615	645,900	659,464
Arlington TBD	Snohomish	1,198,654	1,245,402	1,275,291	1,304,623	1,333,325	1,361,325	1,389,912	1,419,101	1,448,902	1,479,329
Bellingham TBD	Whatcom	6,348,022	6,595,595	6,753,890	6,909,229	7,061,232	7,209,518	7,360,918	7,515,497	7,673,323	7,834,462
Blaine TBD	Whatcom	357,306	371,241	380,151	388,894	397,450	405,796	414,318	423,018	431,902	440,972
Castle Rock TBD	Cowlitz	106,829	110,995	113,659	116,273	118,831	121,326	123,874	126,476	129,132	131,843
Centralia TBD	Lewis	798,257	829,389	849,294	868,828	887,942	906,589	925,627	945,066	964,912	985,175
Chehalis TBD	Lewis	852,971	886,237	907,507	928,379	948,804	968,729	989,072	1,009,842	1,031,049	1,052,701
Clarkston TBD	Asotin	607,309	630,995	646,138	661,000	675,542	689,728	704,212	719,001	734,100	749,516
Connell TBD											
Dayton TBD	Columbia	85,676	89,017	91,153	93,250	95,302	97,303	99,346	101,432	103,563	105,737
Ellensburg TBD	Kittitas	1,330,573	1,382,466	1,415,645	1,448,205	1,480,065	1,511,146	1,542,880	1,575,281	1,608,362	1,642,137
Enumclaw TBD	King	386,368	401,436	411,071	420,525	429,777	438,802	448,017	457,425	467,031	476,839
Ferndale TBD	Whatcom	543,216	564,401	577,947	591,240	604,247	616,936	629,892	643,120	656,625	670,414
Friday Harbor TBD	San Juan	334,111	347,141	355,473	363,649	371,649	379,453	387,422	395,558	403,865	412,346
Grand Coulee TBD											
Lacey TBD	Thurston	3,084,114	3,204,395	3,281,300	3,356,770	3,430,619	3,502,662	3,576,218	3,651,318	3,727,996	3,806,284
Leavenworth TBD	Chelan	445,964	463,357	474,477	485,390	496,069	506,486	517,122	527,982	539,070	550,390
Long Beach TBD											
Lynden TBD	Whatcom	732,807	761,386	779,659	797,591	815,138	832,256	849,734	867,578	885,797	904,399
Lynnwood TBD	Snohomish	10,338,277	10,741,470	10,999,265	11,252,248	11,499,798	11,741,293	11,987,861	12,239,606	12,496,637	12,759,067
Marysville TBD	Snohomish	2,609,600	2,711,375	2,776,448	2,840,306	2,902,793	2,963,751	3,025,990	3,089,536	3,154,416	3,220,659
Mattawa TBD	Grant	70,523	73,273	75,032	76,758	78,446	80,094	81,776	83,493	85,246	87,036
Monroe TBD	Snohomish	1,414,957	1,470,140	1,505,424	1,540,049	1,573,930	1,606,982	1,640,729	1,675,184	1,710,363	1,746,281
Moses Lake TBD											
Mount Vernon TBD	Skagit	1,788,617	1,858,373	1,902,974	1,946,742	1,989,571	2,031,352	2,074,010	2,117,564	2,162,033	2,207,436
Mukilteo TBD											
North Bend TBD	King	604,852	628,441	643,524	658,325	672,808	686,937	701,362	716,091	731,129	746,483
Othello TBD	Adams	414,007	430,154	440,477	450,608	460,522	470,193	480,067	490,148	500,441	510,950
Port Angeles TBD	Callam	905,663	940,984	963,568	985,730	1,007,416	1,028,572	1,050,172	1,072,225	1,094,742	1,117,732
Seattle TBD	King	30,014,059	31,184,608	31,933,038	32,667,498	33,386,183	34,087,293	34,803,126	35,533,992	36,280,206	37,042,090
Sequim TBD	Callam	669,682	695,800	712,499	728,887	744,922	760,566	776,537	792,845	809,494	826,494
Shelton TBD	Mason	573,857	596,238	610,547	624,590	638,331	651,736	665,422	679,396	693,663	708,230
Snohomish City TBD	Snohomish	1,139,130	1,183,556	1,211,961	1,239,836	1,267,113	1,293,722	1,320,890	1,348,629	1,376,950	1,405,866
Stanwood TBD	Snohomish	386,945	402,035	411,684	421,153	430,418	439,457	448,686	458,108	467,728	477,551
Tacoma TBD	Pierce	6,504,300	6,757,968	6,920,159	7,079,323	7,235,068	7,387,004	7,542,131	7,700,516	7,862,227	8,027,334
Tumwater TBD	Thurston	1,755,393	1,823,854	1,867,626	1,910,582	1,952,614	1,993,619	2,035,485	2,078,231	2,121,873	2,166,433
Twisp TBD	Okanogan	53,334	55,414	56,744	58,049	59,326	60,572	61,844	63,143	64,469	65,822
Waitsburg TBD	Walla Walla	9,373	9,738	9,972	10,202	10,426	10,645	10,868	11,097	11,330	11,568
Walla Walla City TBD	Walla Walla	1,434,067	1,489,996	1,525,756	1,560,848	1,595,187	1,628,686	1,662,888	1,697,809	1,733,463	1,769,866
Total		79,085,556	82,169,893	84,141,970	86,077,236	87,970,935	89,818,324	91,704,509	93,630,304	95,596,540	97,604,068

Alternative Enhanced Drivers' License Forecast

November 2018

Comparison of Alternative Enhanced Drivers' License Revenue Forecasts to the Baseline November 2018 Forecast

	<u>FY2018</u>	<u>FY 2019</u>	<u>FY 2020</u>	<u>FY 2021</u>	<u>FY 2022</u>	<u>FY 2023</u>	<u>FY 2024</u>	<u>FY 2025</u>	<u>FY 2026</u>	<u>FY 2027</u>	<u>FY 2028</u>	<u>FY 2029</u>
November 2018 Baseline DP Estimates	\$ 4,361,952	\$ 4,954,010	\$ 12,840,300	\$ 23,862,200	\$ 21,791,600	\$ 21,180,700	\$ 19,538,200	\$ 20,439,200	\$ 20,254,600	\$ 23,284,700	\$ 22,147,800	\$ 22,168,500
Alternative A: Sept. 2017 DP Estimates	\$ 16,896,000	\$ 28,227,000	\$ 20,999,000	\$ 24,148,000	\$ 22,128,000	\$ 20,540,000	\$ 20,473,000	\$ 21,929,000	\$ 21,978,000	\$ 22,668,000	\$ 22,696,000	\$ 22,737,000
\$ Difference from November Baseline Estimates	\$ 12,534,048	\$ 23,272,990	\$ 8,158,700	\$ 285,800	\$ 336,400	\$ (640,700)	\$ 934,800	\$ 1,489,800	\$ 1,723,400	\$ (616,700)	\$ 548,200	\$ 568,500
Percentage Change from the November Baseline Forecast	287%	82%	39%	1%	2%	-3%	5%	7%	8%	-3%	2%	3%
Alternative B: Pre-DP Estimate	\$ 4,361,952	\$ 4,954,000	\$ 7,728,000	\$ 10,417,000	\$ 10,604,000	\$ 10,584,000	\$ 9,763,000	\$ 10,214,000	\$ 10,122,000	\$ 11,636,000	\$ 11,068,000	\$ 11,078,000
\$ Difference from November Baseline forecast	\$ -	\$ (10)	\$ (5,112,300)	\$ (13,445,200)	\$ (11,187,600)	\$ (10,596,700)	\$ (9,775,200)	\$ (10,225,200)	\$ (10,132,600)	\$ (11,648,700)	\$ (11,079,800)	\$ (11,090,500)
Percentage Change from the September Baseline Forecast	0%	0%	-40%	-56%	-51%	-50%	-50%	-50%	-50%	-50%	-50%	-50%

November 2018 Baseline Estimates: Is close to DP estimates with major adjustments to FY19 and FY20, incorporating actuals to date and the fact that 1) the Decision Package (DP) assumed impact for the July 1, 2018 marking of "federal limits apply" did not seem to have any upward impact on EDL demand and 2) DOL public campaign was delayed **and** the message was geared toward customer options for EDL rather than call for action to get an EDL as the Decision Package assumed.

Alternative A: Sept. 2017 DP Estimates reflects DOL's 2017 Decision Package request to build capacity for much higher anticipated EDL demand. Two major assumptions are behind the estimates. 1) The July 1 2018 marking of "not valide for Federal purposes" would have a big impact for EDL demand; 2) DOL's public campaign would start immediately **and** would be a call for action to encourage customers to get EDL. FY19 is corrected by removing \$5 million none EDL revenue out of the total.

Alternative B: Pre-DP Estimates is based primarily on actual observations to date with known policy changes incorporated in a relatively conservative manner, outside the funding request (DP) process.